

the signal generator is configured to generate a signal dependent on the characteristic, wherein the signal is configured to generate a tactile output.

**68.** The apparatus as claimed in claim **66**, wherein the touch characteristic determiner is configured to determine at least one of:

- a force/pressure of the touch input;
- a displacement of the touch input in a first direction relative to an edge of the touch input apparatus;
- a displacement of the touch input in a second direction substantially orthogonal to the first direction;
- a speed of the touch input;
- a co-ordinate of the touch input
- a number of points of contact of the touch input; and
- a gesture from the touch input.

**69.** The apparatus as claimed in claim **66**, further comprising:

- an audio signal source configured to generate an audio signal; and
- a mixer configured to mix the signal and the audio signal to form a combined signal.

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